

0411.63239



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Shun-Chen Chang)

Serial No.: 09/375,862)

Filed: August 17, 1999)

For: IMPROVEMENT ON FAN GUARD)
STRUCTURE FOR ADDITIONAL)
SUPERCHARGING FUNCTION)

Group Art Unit: 3745)

Examiner: R. Barton)

I hereby certify that this paper is being deposited with the United States Postal Service as FIRST-CLASS mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on this date.

[Signature]
Date

F-CLASS.WCM

Appr. February 20, 1998

[Signature]
Registration No. 26174

Attorney for Applicant

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

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In accordance with Sec. 1.56, 1.97 and 1.98 of the Patent Office Rules of Practice, Applicant hereby submits the following statements consisting of:

- I. A list of documents;
- II. A concise explanation of the relevance of each listed document; and
- III. General remarks.

A copy of each listed document is enclosed herewith.

I. DOCUMENTS

1. Japanese Utility Model Publication No. 2-26799/90.
2. Japanese Patent Publication No. 10-205497/98.

II. EXPLANATION OF RELEVANCE

Japanese Utility Model Publication No. 2-26799/90 relates to a blade arrangement in a near letter S configuration so that the airflow passes through both of the upstream rotor blade and the downstream stator blade smoothly. There is no special effect on changing the tangential velocity to supercharge the fan under such arrangement and configuration.

Japanese Patent Publication No. 10-205497/98 discloses a near letter C configuration in FIG. 15, the leading edge of the downstream stationary blade is not axially aligned with the trailing edge of the upstream rotary blade at the moment the near letter C configuration appears. When the leading edge of the downstream stationary blade is axially aligned with the trailing edge of the upstream rotary blade, the bending orientation of the stationary blade is different from that of the stationary blade of the present invention. The supercharging function of the fan is not prominent under the configuration of FIG. 15.

III. GENERAL MATTERS

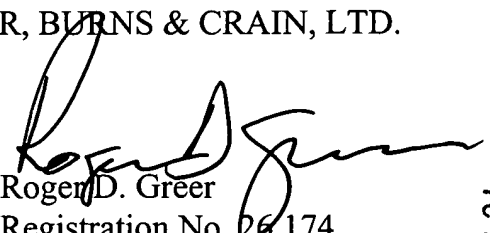
Applicant encloses herewith a check in the amount of \$240.00 to cover the cost of this petition.

The Commissioner is hereby authorized to charge any additional fees which may be required in this application under 37 CFR §§ 1.16-1.17, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

Respectfully submitted

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By


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